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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Pontus Schwalbe  
Appl. No. :  
Filed : January 04, 2002  
Title : METHOD AND ARRANGEMENT FOR PURIFICATION OF WATER

Grp./A.U. :  
Examiner :

Docket No.: 13858NP

Honorable Commissioner of Patents  
Washington DC 20231

PRELIMINARY AMENDMENT FOR PURPOSES OF  
CALCULATING FILING FEES

Sir:

Please amend claims 3-5, 7-8 and 11-13 of the above  
referenced application as follows:

3. (Amended) The method according to claim 1 characterised  
in that as sorbent material a natural material with high  
phosphorus and heavy metal binding capacity for example zeolite  
or calcium silicate, such as Polonite™, is used.

4. (Amended) The method according to claim 1 characterised  
in that the sorbent material is stirred.

5. (Amended) Means for carrying out the method according  
to claim 1 for cleaning surface or waste water comprising a

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A1

A1  
sludge separator (14) for coarse separating of suspendable material, characterised in that one or several biostep filter (18, 36) for degradation of biological material is provided after the sludge separator (14, 114), which bio filter comprises one or several filter of a permeable material and a sorbent filter (28, 40) for reduction of e.g. phosphorus and/or heavy metals by means of an ion exchanger process provided after the biofilter (18, 36) and a pump station (22, 38) for keeping the flow of the water through the plant and supplying it to the sorbent material is provided in the plant.

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A2  
7. (Amended) The means according to claim 6, characterised in that the sorbent filter comprises manifold means (30, 44) for distribution of the water over the sorbent material, which is provided at a perforated bottom in the sorbent filter.

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8. (Amended) The means according to claim 7, characterised in that the sorbent filter comprises an agitator (98) for stirring of the sorbent material.

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A3  
11. (Amended) The means according to claim 5 characterised

in that the biostep filter (36), the sorbent filter (40) and the pump station (38) are built together in a compact house (34), divided into three corresponding chambers.

12. (Amended) The means according to claim 5, characterised in that the sorbent filter comprises a chamber (72) in which a number of receptacles (74) with sorbent material are inserted, the water from the previous biostep filter is fed to the receptacles at their upper portion (fig. 6) or bottom (fig. 7).

13. (Amended) Using of a permeable material at which a bioskin is created, where a biological microprocess proceeds, as material in a biostep filter according to claim 5.

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#### REMARKS/ARGUMENTS

The above referenced amendments have been made to remove the multiple dependency of claims 3-5, 7-8 and 11-13 to thereby reduce the filing fees. No new matter has been added.